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PTO/SB/05 (11-00)

Approved for use through 10/31/2002 OMB 0651-0902
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 76]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed Sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claims(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) { Total Sheets 16}
5. Oath or Declaration { Total Sheets 3}
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. Application Data Sheet. See 37 CFR 1.76
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies; or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Japanese Priority Document No. 2000-117502 Filed: April 19, 2000 Priority Claimed Yes [X] No []
(If foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior Application Serial No.: _____ / _____

Group / Art Unit: _____

Prior application information:

Examiner: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

| | | | | |
|--|--|-----------|----------------|--|
| <input type="checkbox"/> Customer Number or Bar Code Label | 22204 (Insert Customer No. or Attach bar code label here) | | | or <input type="checkbox"/> Correspondence address below |
| Name | Eric J. Robinson NIXON PEABODY LLP | | | |
| Address | 8180 Greensboro Drive, Suite 800 | | | |
| City | McLean | State | VA | Zip Code |
| Country | United States | Telephone | (703) 790-9110 | Fax |
| Name (Print/Type) | Eric J. Robinson | | | 38,285 |
| Signature | | | | Date |
| | | | | April 5, 2001 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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Complete if Known

FEE TRANSMITTAL FOR FY 2001

*Patent fees are subject to annual revision.***TOTAL AMOUNT OF PAYMENT**

| | | | |
|----------------------|--------------------------|--|--|
| Application Number | | | |
| Filing Date | April 5, 2001 | | |
| First Named Inventor | Takeshi YAMASHITA et al. | | |
| Examiner Name | | | |
| Group Art Unit | | | |
| Attorney Docket No. | 740819-537 | | |

METHOD OF PAYMENT

- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

| | |
|------------------------|---------|
| Deposit Account Number | 19-2380 |
|------------------------|---------|

| | |
|----------------------|-------------------|
| Deposit Account Name | NIXON PEABODY LLP |
|----------------------|-------------------|

- Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

- Applicant claims small entity status.
See 37 CFR 1.27

- 2. Payment Enclosed:**

Check Credit Card Money Order Other

FEES CALCULATION**1. BASIC FILING FEE**

| Large Entity Fee Code | Small Entity Fee Code | Fee Description | Fee Paid |
|-----------------------------|-----------------------------|-----------------|------------------------|
| 101 | 710 | 201 355 | Utility filing fee |
| 106 | 320 | 206 160 | Design filing fee |
| 107 | 490 | 207 245 | Plant filing fee |
| 108 | 710 | 208 355 | Reissue filing fee |
| 114 | 150 | 214 75 | Provisional filing fee |

SUBTOTAL (1) **2. EXTRA CLAIM FEES**

| | | Fee from Extra Claims below | Fee Paid |
|--------------------|----|-----------------------------------|---------------------------------------|
| Total Claims | 18 | -20** = 0 X \$18 = | <input type="text" value="\$0.00"/> |
| Independent Claims | 6 | -3** = 3 X \$80 = | <input type="text" value="\$240.00"/> |
| Multiple Dependent | | | <input type="text" value="\$270.00"/> |

| Large Entity Fee Code | Small Entity Fee Code | Fee Description | Fee Paid |
|-----------------------------|-----------------------------|-----------------|--|
| 103 | 18 | 203 9 | Claims in excess of 20 |
| 102 | 80 | 202 40 | Independent claims in excess of 3 |
| 104 | 270 | 204 135 | Multiple dependent claim, if not paid |
| 109 | 80 | 209 40 | ** Reissue independent claims over original patent |

110 18 210 9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

** or number previously paid, if greater. For Reissues, see above

FEES CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity Fee Code | Small Entity Fee Code | Fee Description | Fee Paid |
|-----------------------------|-----------------------------|-----------------|--|
| 105 | 130 | 205 65 | Surcharge - late filing fee or oath |
| 127 | 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet |
| 139 | 130 | 139 130 | Non-English transaction |
| 147 | 2,520 | 147 2,520 | For filing a request for <i>ex parte</i> reexamination |
| 112 | 92* | 112 92* | Requesting publication of SIR prior to Examiner action |
| 113 | 1,840* | 113,1840* | Requesting publication of SIR after Examiner action |
| 115 | 110 | 215 55 | Extension for reply within first month |
| 116 | 390 | 216 195 | Extension for reply within second month |
| 117 | 890 | 217 445 | Extension for reply within third month |
| 118 | 1,390 | 218 695 | Extension for reply within fourth month |
| 128 | 1,890 | 228 945 | Extension for reply within fifth month |
| 119 | 310 | 219 155 | Notice of Appeal |
| 120 | 310 | 220 155 | Filing a brief in support of an appeal |
| 121 | 270 | 221 135 | Request for oral hearing |
| 138 | 1,510 | 138 1,510 | Petition to institute a public use proceeding |
| 140 | 110 | 240 55 | Petition to revive - unavoidable |
| 141 | 1,240 | 241 620 | Petition to revive - unintentional |
| 142 | 1,240 | 242 620 | Utility issue fee (or reissue) |
| 143 | 440 | 243 220 | Design issue fee |
| 144 | 600 | 244 300 | Plant issue fee |
| 122 | 130 | 122 130 | Petitions to the Commissioner |
| 123 | 50 | 123 50 | Petitions related to provisional applications |
| 126 | 240 | 126 240 | Submission of information Disclosure Stmt |
| 581 | 40 | 581 40 | Recording each patent assignment per property (including number of properties) |
| 146 | 710 | 246 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) |
| 149 | 710 | 249 355 | For each additional invention to be examined (37 CFR § 1.29(b)) |
| 179 | 710 | 248 355 | Request for Continued Examination (RCE) |
| 169 | 900 | 169 900 | Request for expedited examination of a design application |
| Other fee (specify) _____ | | | |

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

\$40.00

SUBMITTED BY*Complete if applicable*

| | | | | | |
|-------------------|---|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Eric J. Robinson | Registration No. (Attorney/Agent) | 38,285 | Telephone | (703) 790-9110 |
| Signature |  | | | Date | April 5, 2001 |